

1124  
DEB  
0-17-08

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Adityo Prakash, et al.  
APPLICATION NO.: 10/087,463  
FILING DATE: February 28, 2002  
TITLE: Dynamic Chain Based Thresholding Using Local Characteristics  
EXAMINER: Not yet known  
GROUP ART UNIT: 2621  
ATTY. DKT. NO.: 10006.000720

RECEIVED  
NOV 04 2002  
Technology Center 2800

COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

**REQUEST TO CORRECT INVENTORSHIP UNDER 37 C.F.R. § 1.48 (a)**

Dear Sir or Madam:

It is respectfully requested that the above-referenced patent application be amended to add Sachin Ahuja as a joint inventor. The application for patent was made through error and without deceptive intention in the name of the co-inventors, Adityo Prakash, Edward Ratner, and Hitoshi Watanabe.

As required by 37 C.F.R. § 1.48 (a), please find enclosed herewith the following:

- (1) a statement from Sachin Ahuja stating that the error in inventorship occurred without deceptive intention on his part;
- (2) a declaration by the actual inventors Edward Ratner, Adityo Prakash, Hitoshi Watanabe, and Sachin Ahuja in accordance with 37 C.F.R. § 1.63;
- (3) a power of attorney executed by Sachin Ahuja

(4) a written consent from the owner/assignee, Pulsent Corporation, of the subject above-identified patent application; and

(5) a check for the processing fee of \$130 as set forth in 37 C.F.R. § 1.17 (i).

Respectfully submitted,

Date: 10/25/02

James K. Okamoto

James K. Okamoto, Reg. No. 40,110  
Attorney for Applicant(s)



IN THE

UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Adityo Prakash, et al.

APPLICATION NO.: 10/087,463

FILING DATE: February 28, 2002

TITLE: Dynamic Chain Based Thresholding Using Local Characteristics

EXAMINER: Not yet known

GROUP ART UNIT: 2621

ATTY. DKT. NO.: 10006.000720

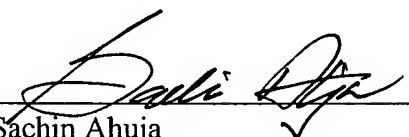
RECEIVED  
NOV 04 2002  
Technology Center 2800

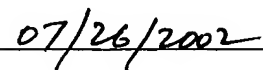
COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

STATEMENT FROM SACHIN AHUJA

Dear Sir or Madam:

I, Sachin Ahuja, hereby state that it was through error without deceptive intent that I was not named as an inventor in the above-referenced patent application.

  
Sachin Ahuja

  
Date

Docket No.: 10006.000720

PTO/SB/01 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

☐ Declaration Submitted With Initial Filing  
OR  
☒ Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number 10006.000720

First Named Inventor Adityo Prakash

**COMPLETE IF KNOWN**

Application Number 10/087,463

Filing Date February 28, 2002

Group Art Unit 2621

Examiner Name not yet known

RECEIVED

NOV 04 2002

Technology Center 2600

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**DYNAMIC CHAIN-BASED THRESHOLDING USING LOCAL  
CHARACTERISTICS**

the specification of which (Title of the Invention)

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY)

02/28/2002

as United States Application Number or PCT International

Application Number 10/087,463 and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims as amended specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY) Country	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

## DECLARATION — Utility or Design Patent Application

Direct all correspondence to:		<input checked="" type="checkbox"/> Customer Number or Bar Code Label	000031894		OR	<input type="checkbox"/> Correspondence address below
Name						
Address						
City		State		ZIP		
Country		Telephone		Fax		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that those statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.						
NAME OF SOLE OR FIRST INVENTOR:			<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))			Family Name or Surname			
Adityo			Prakash			
Inventor's Signature			Date			
<i>A. Prakash</i>			10/04/02			
Redwood Shores		CA	U.S.	INDIA		
Residence: City		State	Country	Citizenship		
600 Marlin Court						
Mailing Address						
Redwood Shores		CA	94065	U.S.A.		
City		State	Zip	Country		
NAME OF SECOND INVENTOR:			<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))			Family Name or Surname			
Edward			Ratner			
Inventor's Signature			Date			
Residence: City		State	Country	Citizenship		
Sunnyvale		CA	U.S.	U.S.		
433 Crescent Avenue						
Mailing Address						
City		State	Zip	Country		
Sunnyvale		CA	94087	U.S.		
<input checked="" type="checkbox"/> Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.						

RECEIVED

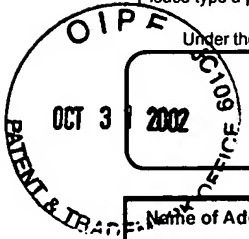
NOV 04 2002

Technology Center 2800

Please type a plus sign (+) inside this box →



Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION**

**ADDITIONAL INVENTOR(S)**  
**Supplemental Sheet**  
Page 1 of 1

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Hitoshi		Watanabe	
Inventor's Signature		Date	
Residence: City	San Jose	State	CA
Country	US	Citizenship	JAPAN
Mailing Address 414 Pinefield Road			
City	San Jose	State	CA
Zip	95134	Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Sachin		Ahuja	
Inventor's Signature		Date	
Residence: City	Mountain View	State	CA
Country	US	Citizenship	INDIA
Mailing Address 220 Jessie Lane #3			
City	Mountain View	State	CA
Zip	94041	Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Inventor's Signature		Date	
Residence: City		State	
Country		Citizenship	
Mailing Address			
Mailing Address			
City		State	
Zip		Country	

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

e needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

RECEIVED

NOV 04 2002

Technology Center 2300

Docket No.: 10006.000720

PTO/SB/01 (03-01)  
Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

☐ Declaration  
Submitted With Initial  
Filing OR ☒ Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket Number 10006.000720

First Named Inventor Adityo Prakash

**COMPLETE IF KNOWN**

Application Number 10/087,463

Filing Date February 28, 2002

Group Art Unit 2621

Examiner Name not yet known

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**DYNAMIC CHAIN-BASED THRESHOLDING USING LOCAL  
CHARACTERISTICS**

RECEIVED  
NOV 04 2002  
Technology Center 2600

the specification of which (Title of the Invention)

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY) 02/28/2002 as United States Application Number or PCT International

Application Number 10/087,463 and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims as amended specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY) Country	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

## DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input checked="" type="checkbox"/> Customer Number or Bar Code Label		<b>000031894</b>		OR <input type="checkbox"/> Correspondence address below	
Name					
Address					
City		State		ZIP	
Country		Telephone		Fax	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])		Adityo		Family Name or Surname	
				Prakash	
Inventor's Signature				Date	
Redwood Shores		CA		U.S.	
Residence: City		State		Country	
600 Marlin Court				INDIA	
Mailing Address				Citizenship	
Redwood Shores		CA		94065	
City		State		Zip	
				U.S.A.	
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])		Edward		Family Name or Surname	
				Ratner	
Inventor's Signature <i>Edward Ratner</i>				Date	
				7/27/02	
Residence: City		State		Country	
Sunnyvale		CA		U.S.	
433 Crescent Avenue				Citizenship	
Mailing Address				U.S.	
City		State		Zip	
Sunnyvale		CA		94087	
				Country	
				U.S.	
<input checked="" type="checkbox"/> Additional Inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.					



Please type a plus sign (+) inside this box

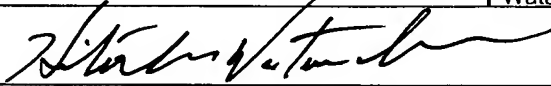
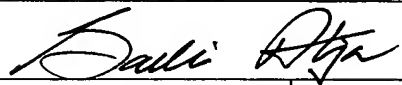


Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION**

**ADDITIONAL INVENTOR(S)**  
**Supplemental Sheet**  
**Page 1 of 1**

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Hitoshi		Watanabe	
Inventor's Signature 		Date 07/30/2002	
Residence: City	San Jose	State	CA
Country	US	Citizenship	JAPAN
Mailing Address 414 Pinefield Road			
City	San Jose	State	CA
Zip	95134	Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Sachin		Ahuja	
Inventor's Signature 		Date 07/26/2002	
Residence: City	Mountain View	State	CA
Country	US	Citizenship	INDIA
Mailing Address 220 Jessie Lane #3			
City	Mountain View	State	CA
Zip	94041	Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Inventor's Signature		Date	
Residence: City		State	
Country		Citizenship	
Mailing Address			
Mailing Address			
City		State	
Zip		Country	

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

e needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

RECEIVED

NOV 04 2002

Technology Center 2800